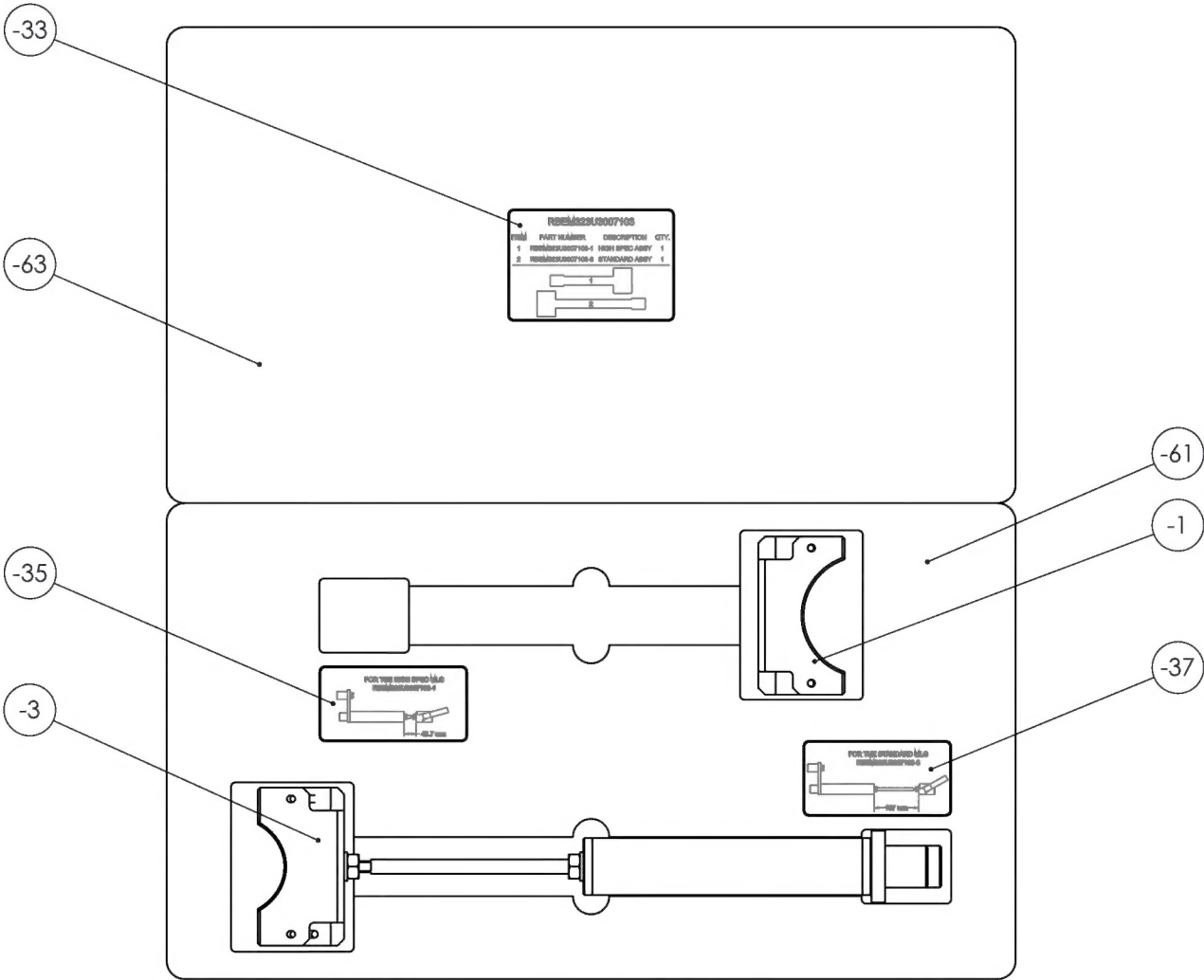


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION	11/4/2016	DPD	JAG

ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
				X		-1	1	HIGH SPEC ASSY			2
			X			-3	1	STANDARD ASSY			3
		X	1			-5		STANDARD BLOCK ASSEMBLY			4
	X		1			-7		ADJUSTER ASSEMBLY			5
X	1					-9		ADJUSTER TUBE WELDMENT			6
1						-11		TUBE	CDS		7
1						-13		ADJUSTING END	4140/4142		8
1						-15		MOUNT END	4140/4142		9
				1		-17		HIGH SPEC BLOCK	6061		10
				1		-19		HIGH SPEC BLOCK PAD	VITON	1/16 X 6 X 6 (MCMaster-CARR #86075K22) MODIFIED	11
	1					-21		PLATE	6061		12
		1				-23		STANDARD BLOCK	6061		13
		1				-25		STANDARD BLOCK PAD	VITON	1/16 X 6 X 6 (MCMaster-CARR #86075K22) MODIFIED	14
	1					-27		THREADED ROD	STEEL	M10 X 1.5mm X 200mm, GRADE B7 (MCMaster-CARR #93325A426) MODIFIED	15
	1					-29		LONG PAD	URETHANE	60A DUROMETER (MCMaster-CARR #8644K24) MODIFIED	16
	1					-31		SHORT PAD	URETHANE	60A DUROMETER (MCMaster-CARR #8644K24) MODIFIED	17
						-33	1	PLACARD	PLASTIC		18
						-35	1	HIGH SPEC PLACARD	PLASTIC		19
						-37	1	STANDARD PLACARD	PLASTIC		20
		1		1	B/O	-39		STRAP LOOP VELCRO	NYLON	{OLYMPIC SYNTHETICS}	21
		1		1	B/O	-41		STRAP HOOK VELCRO	NYLON	{OLYMPIC SYNTHETICS}	22
		2		2	B/O	-43		DOWEL PIN	STEEL	M5 X 40mm (MCMaster-CARR #91595A384)	2 & 4
	2				B/O	-45		HEX NUT	STEEL	M10 X 1.5mm (MCMaster-CARR #90591A171)	5
	2				B/O	-47		WASHER	STEEL	M10 (MCMaster-CARR #91166A280)	5
	4				B/O	-49		SOCKET HEAD CAP SCREW	STEEL	M6 X 1mm X 55mm (MCMaster-CARR #91502A175)	5
	2				B/O	-51		WASHER	STEEL	M6 (MCMaster-CARR #91166A250)	5
	2				B/O	-53		HEX NUT	STEEL	M6 X 1 (MCMaster-CARR #90591A151)	5
	1				B/O	-55		LANYARD	COATED STEEL	Ø1/16 X 6 (CARR LANE #CL-2-C)	5
	2				B/O	-57		FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMaster-CARR #3896T31)	5
	1				B/O	-59		REMOVE BEFORE FLIGHT	NYLON	NAS 1756-12	5
					B/O	-61	1	BOTTOM FOAM	ETHAFOAM 220, BLACK	5.52 X 13.07 X 23.32 (CASE SOLUTIONS)	23
					B/O	-63	1	TOP FOAM	ETHAFOAM 220, BLACK	2.02 X 13.07 X 23.32 (CASE SOLUTIONS)	24
					B/O	-65	1	CASE	PLASTIC	PELICAN #APP-1555-E	N/S
					B/O		1	PLACARD	ALUMINUM	RB41011	N/S
ASSY -9	ASSY -7	ASSY -5	ASSY -3	ASSY -1							



**UNDER REVIEW**

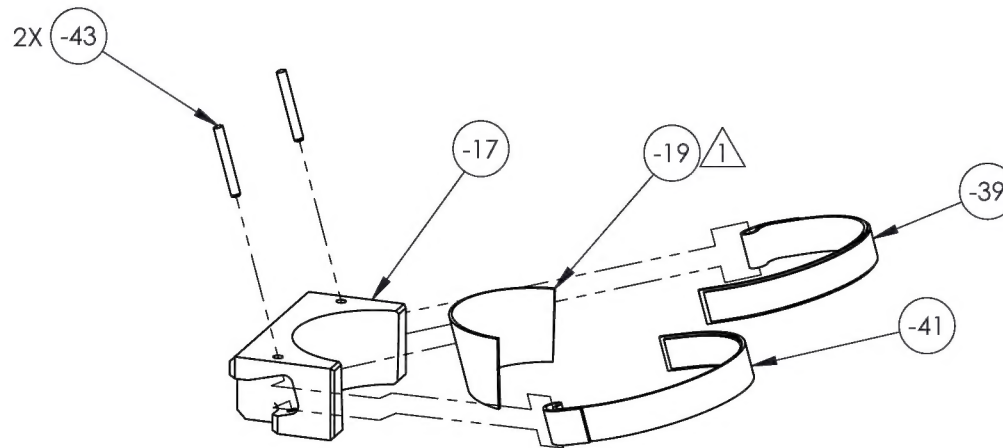
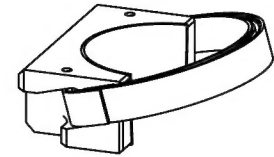
URF 17-697 VM

NOTE:  
REF. AIRBUS T/N: M323U3007103.

DART AEROSPACE			
TITLE MLG S/A HOLDING TOOL			
DWG NO. RBEM323U3007103			REV 1
MAT'L HEAT TREAT FINISH SPEC		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/	
DRAWN BY: DUERFELDT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		H175	
SCALE 1:5		DATE 6/8/2016	SHEET 1 OF 24

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				APPROVED



**UNDER REVIEW**

URF 17-697 VM

NOTE:

- 1 USE ADHESIVE TO ATTACH -19 HIGH SPEC BLOCK PAD TO -17 HIGH SPEC BLOCK.



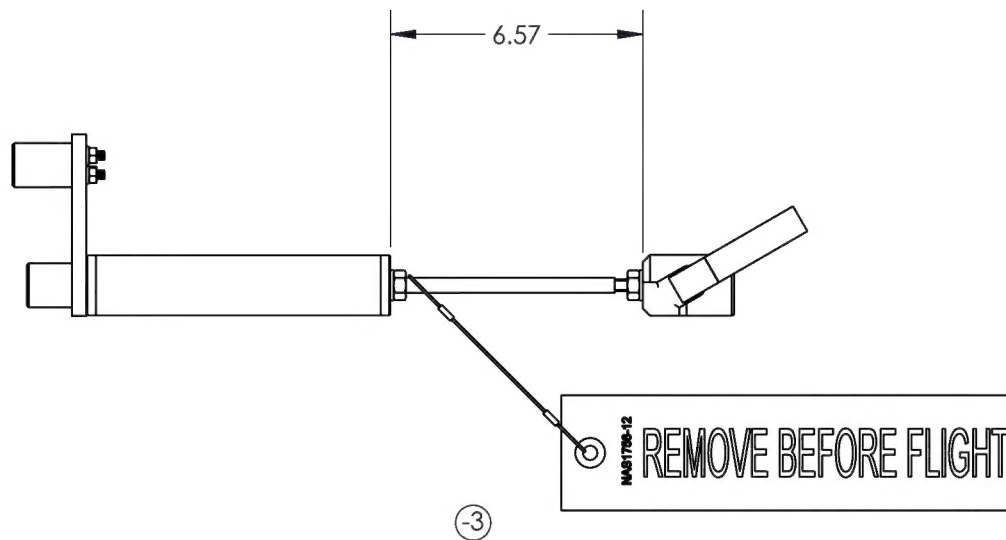
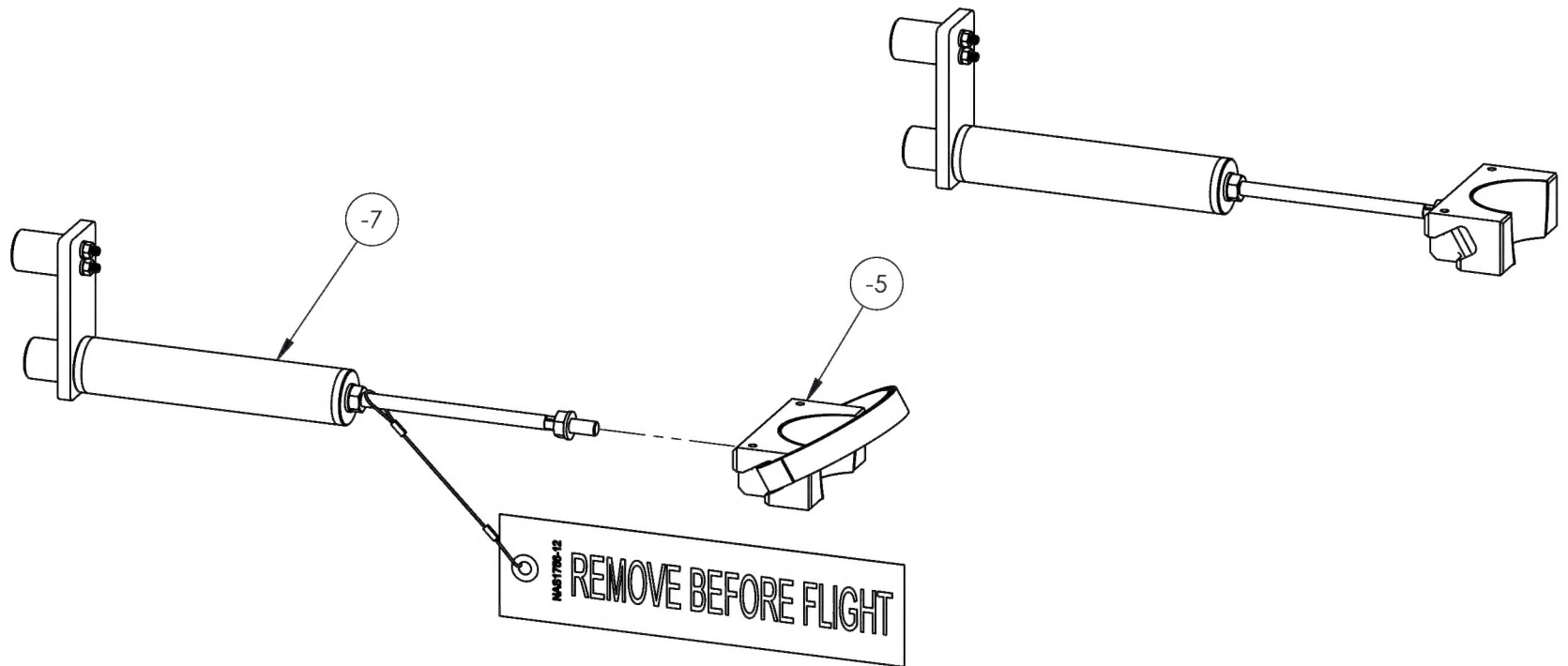
TITLE		MLG S/A HOLDING TOOL	
DWG NO.		RBEM323U3007103-1	
REV		1	
MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT		DIMENSIONS ARE IN INCHES	
TREAT		.XXX ± .005 FRACTIONS ± 1/8	
FINISH		.XX ± .01 ANGLES ± .5°	
SPEC		.X ± .1 SURFACES = 125	
DRAWN BY:		DUERFELDT	
CHECKED:		CLOUGH	
OPPS APPR:		ANDERSON	
QA APPR:		LINDSAY	
APPROVED:		GILBERT	
SCALE		1:4	
DATE		6/8/2016	
SHEET		2 OF 24	

(-1)

HIGH SPEC ASSY

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				APPROVED



STANDARD ASSY

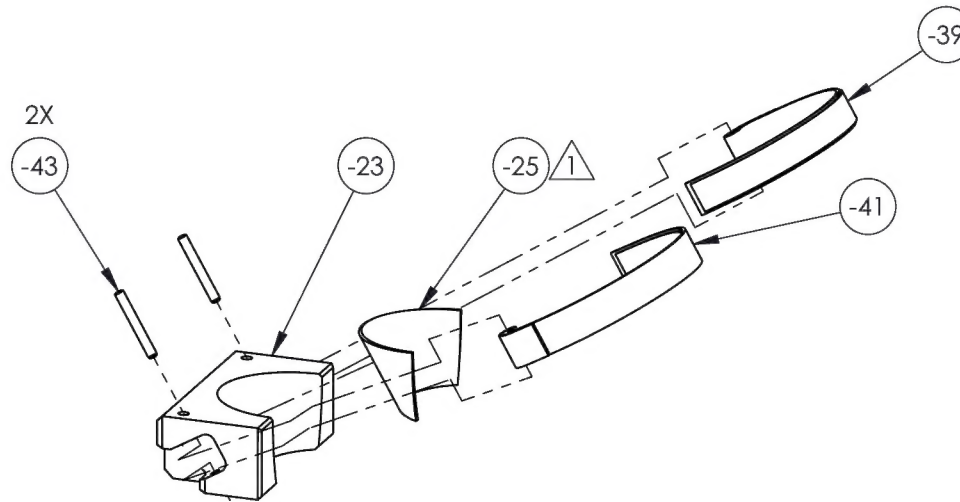
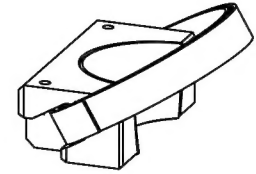
**UNDER REVIEW**

URF 17-697 VM

<b>DART AEROSPACE</b>	
TITLE <b>MLG S/A HOLDING TOOL</b>	
DWG NO. <b>RBEM323U3007103-3</b>	REV <b>1</b>
MAT'L REAT TREAT FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: <b>DUERFELDT</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: <b>CLOUGH</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: <b>ANDERSON</b>	USED ON MODEL
QA APPR: <b>LINDSAY</b>	<b>H175</b>
APPROVED: <b>GILBERT</b>	
SCALE <b>1:5</b>	DATE <b>6/8/2016</b>
SHEET 3 OF 24	

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				APPROVED



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URF 17-697 VM

NOTE:

△ USE ADHESIVE TO ATTACH -25 STANDARD BLOCK PAD TO -23 STANDARD BLOCK.



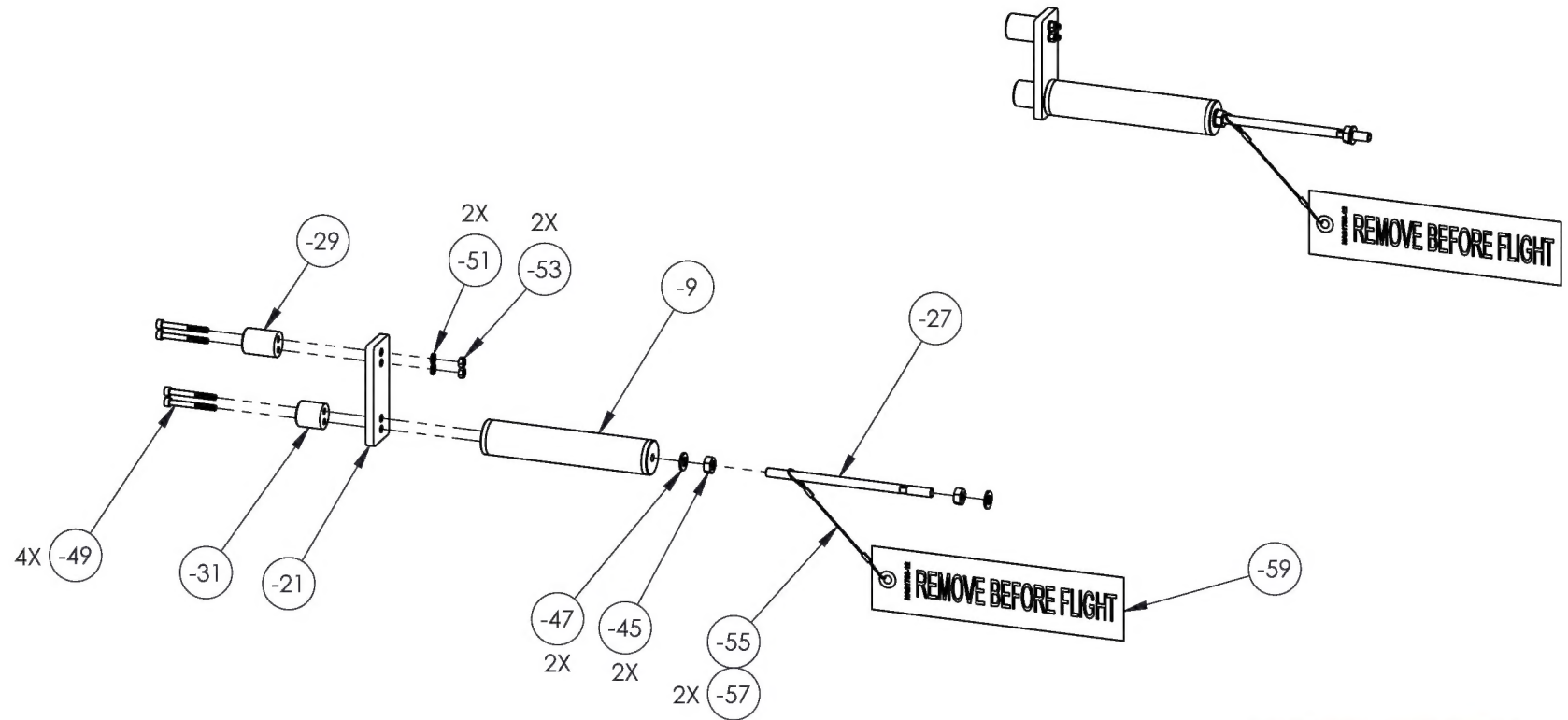
TITLE		MLG S/A HOLDING TOOL	
DWG NO.		RBEM323U3007103-5	REV 1
MAT'L	UNLESS OTHERWISE SPECIFIED		
FEAT	DIMENSIONS ARE IN INCHES		
TREAT	.XXX ± .005 FRACTIONS ± 1/8		
FINISH	.XX ± .01 ANGLES ± .5°		
SPEC	.X ± .1 SURFACES = 125/✓		
DRAWN BY:	DUERFELDT	1. BREAK ALL SHARP EDGES	
CHECKED:	CLOUGH	.015 x 45° OR .015R	
OPPS APPR:	ANDERSON	2. DIMENSIONAL LIMITS APPLY	
QA APPR:	LINDSAY	AFTER PLATING	
APPROVED:	GILBERT	3. INTERPRET DIM AND TOL PER	
SCALE		ASME Y14.5M-2009	
1:4		USED ON MODEL	
DATE		H175	
6/8/2016		SHEET 4 OF 24	

(5)

STANDARD BLOCK ASSY

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				APPROVED



**UNDER REVIEW**

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(-7)

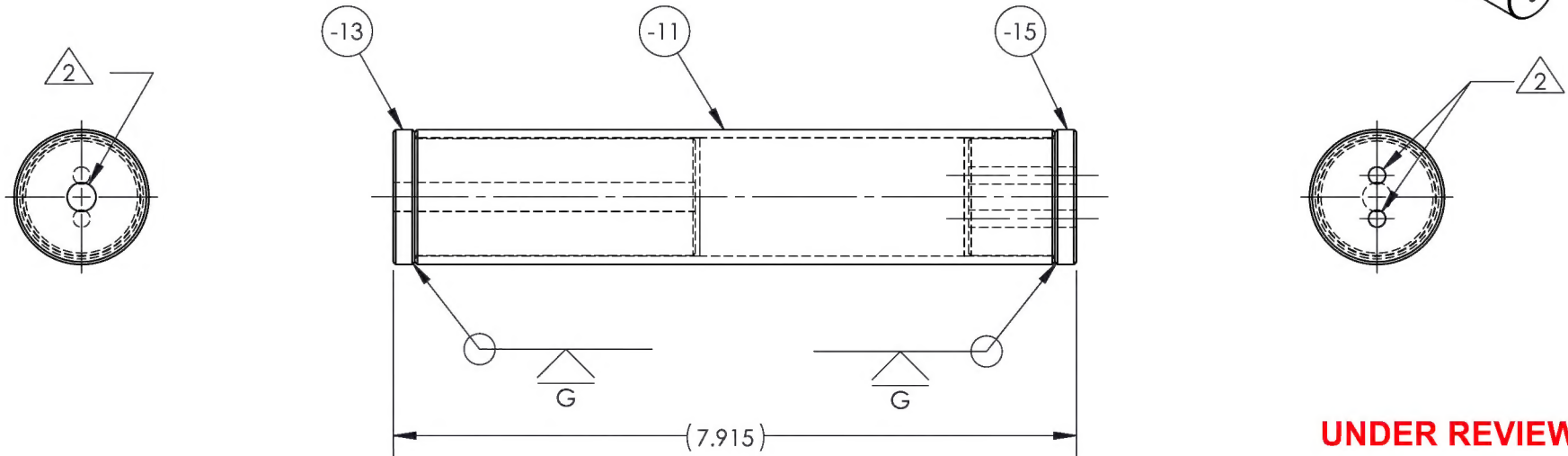
ADJUSTER ASSEMBLY

<b>DART</b> AEROSPACE	
TITLE MLG S/A HOLDING TOOL	
DWG NO. RBEM323U3007103-7	REV 1
MAT'L HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	USED ON MODEL
CHECKED: CLOUGH	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:8	DATE 6/8/2016
SHEET 5 OF 24	



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REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED



**UNDER REVIEW**

URF 17-697 VM

**NOTES:**

1. DUAL FINISH:

1ST: ZINC PLATE, ASTM B633 TYPE I SC2.

2ND: POWDER COAT YELLOW, FED #13538.

2 NO POWDER COAT ON THREADS.



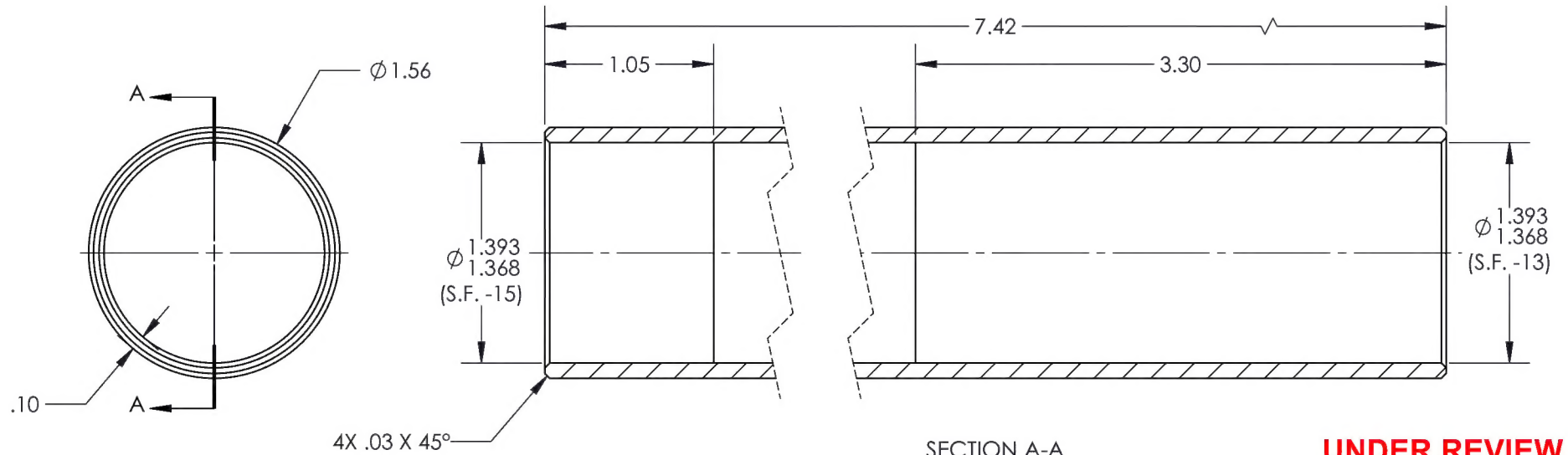
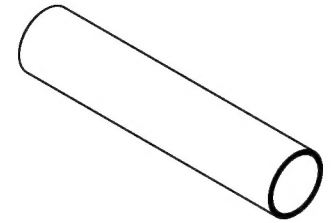
TITLE		MLG S/A HOLDING TOOL	
DWG NO.		RBEM323U3007103-9	
REV		1	
MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH SEE NOTE 1		.XXX ± .010 FRACTIONS ± 1/8	
SPEC		.XX ± .03 ANGLES ± 1°	
DRAWN BY: DUERFELDT		.X ± .1 SURFACES = 125 ✓	
CHECKED: CLOUGH		1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON		.015 x 45° OR .015R	
QA APPR: LINDSAY		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
APPROVED: GILBERT		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
SCALE		USED ON MODEL	
1:2		H175	
DATE		6/8/2016	
SHEET		6 OF 24	

(-9)

ADJUSTER TUBE WELDMENT

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SECTION A-A

**UNDER REVIEW**

URF 17-697 VM

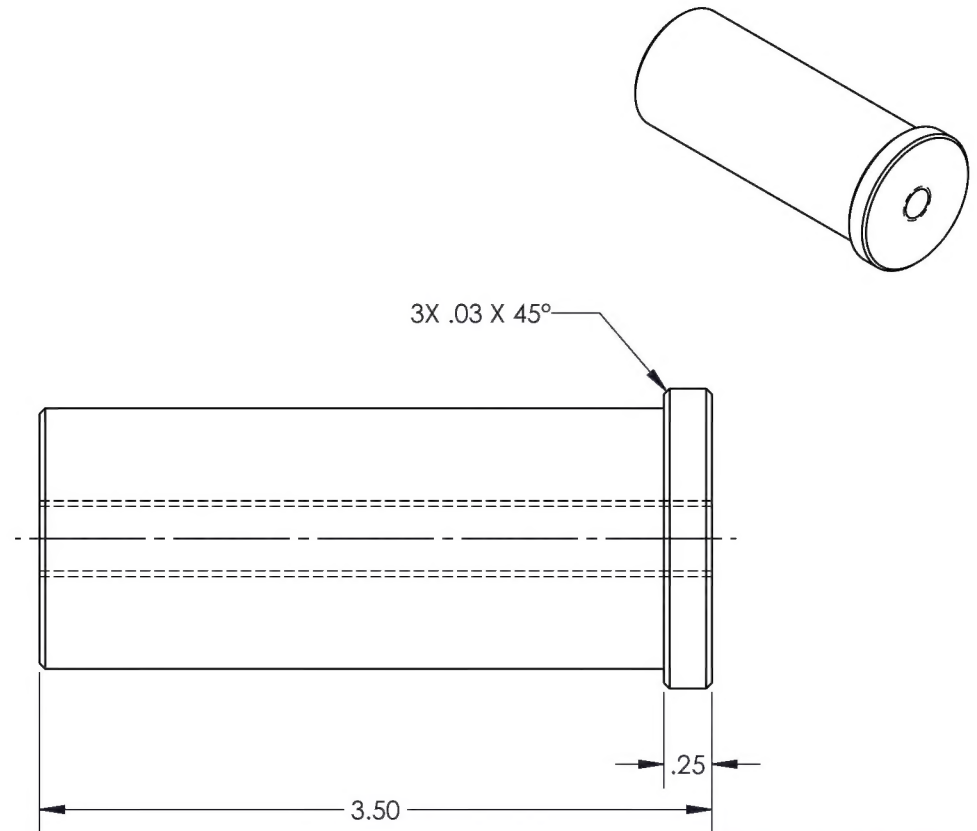
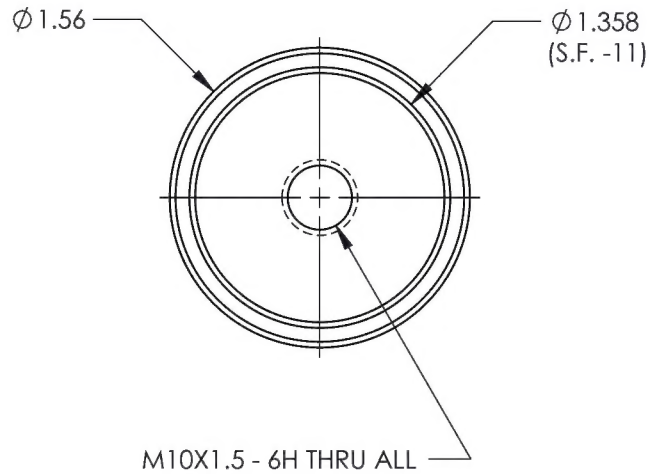
(11)

TUBE

<b>DART AEROSPACE</b>	
TITLE <b>MLG S/A HOLDING TOOL</b>	
DWG NO. <b>RBEM323U3007103-11</b>	REV <b>1</b>
MAT'L CDS <b>SEE -5</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm$ .005 FRACTIONS $\pm$ 1/8 .XX $\pm$ .01 ANGLES $\pm$ 5° .X $\pm$ .1 SURFACES = 125°
HEAT TREAT <b>SEE -5</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
SPEC	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
DRAWN BY: <b>DUERFELDT</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
CHECKED: <b>CLOUGH</b>	USED ON MODEL
OPPS APPR: <b>ANDERSON</b>	<b>H175</b>
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:1</b>	DATE <b>6/8/2016</b>
SHEET 7 OF 24	

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(13)

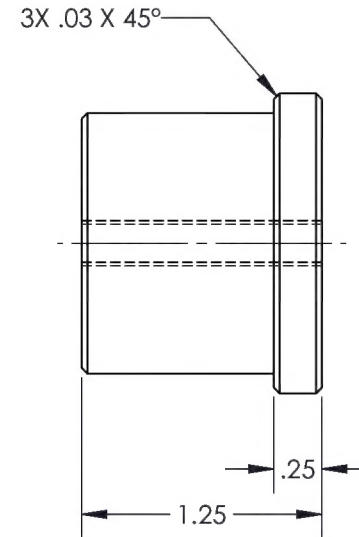
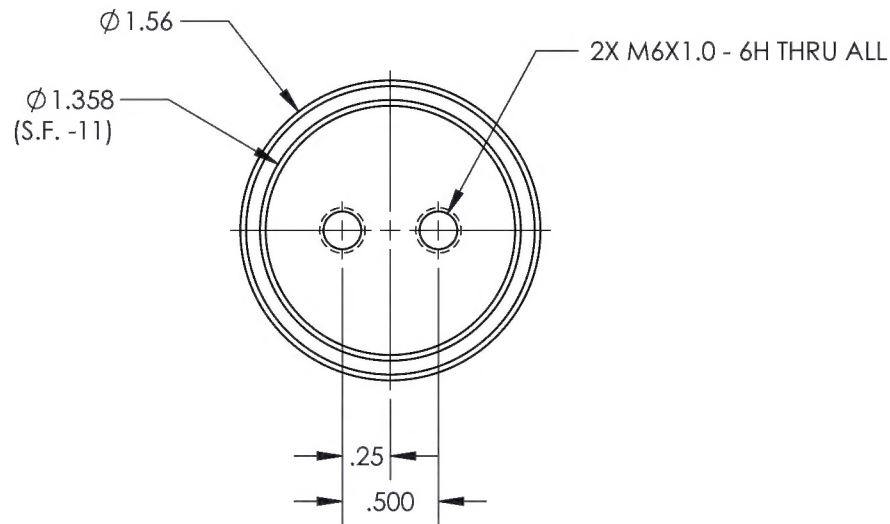
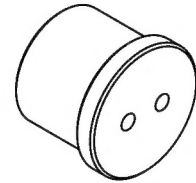
ADJUSTING END

<b>DART AEROSPACE</b>	
TITLE <b>MLG S/A HOLDING TOOL</b>	
DWG NO. <b>RBEM323U3007103-13</b>	REV <b>1</b>
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT RC 28-34	DIMENSIONS ARE IN INCHES
FINISH SEE -5	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125°
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:1	DATE 6/8/2016
	SHEET 8 OF 24



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				APPROVED



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URF 17-697 VM

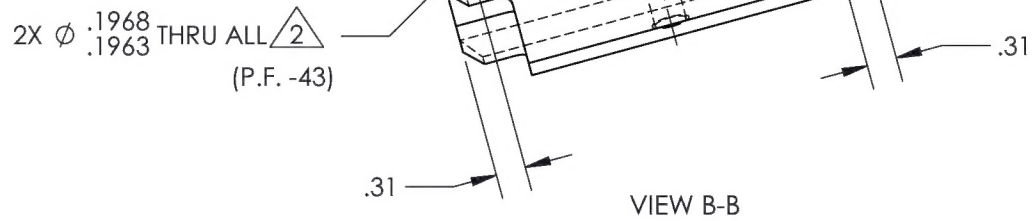
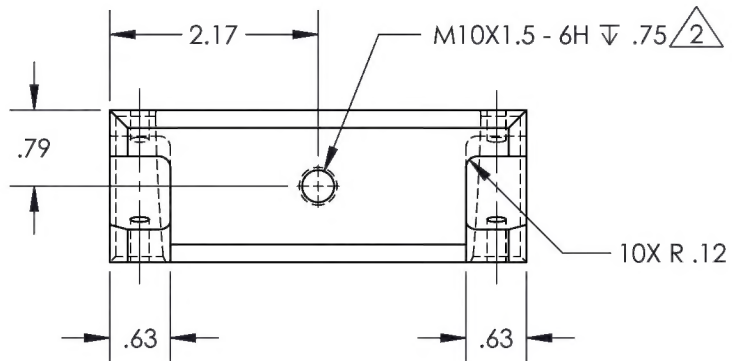
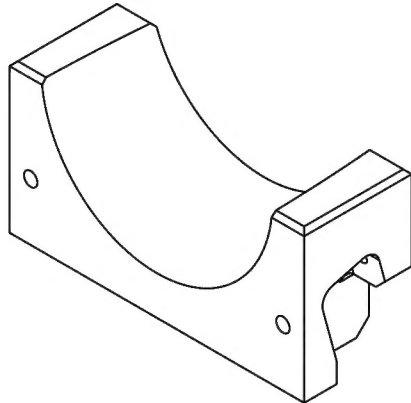
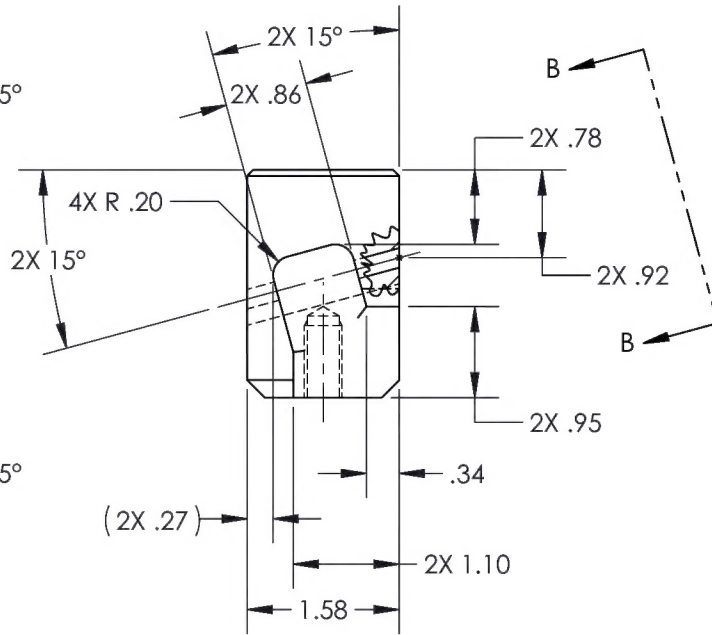
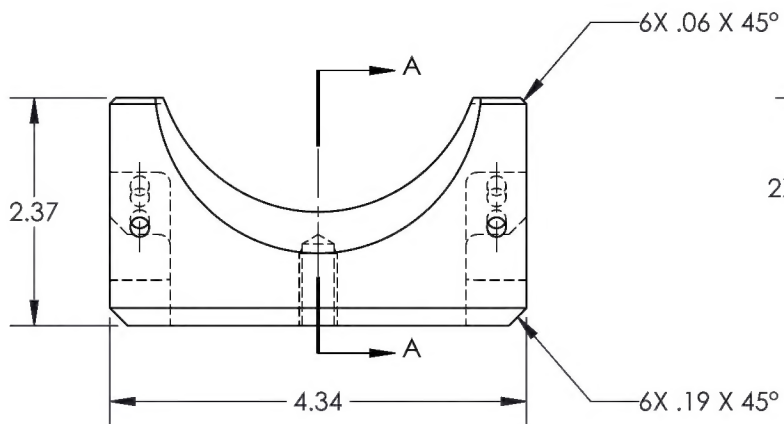
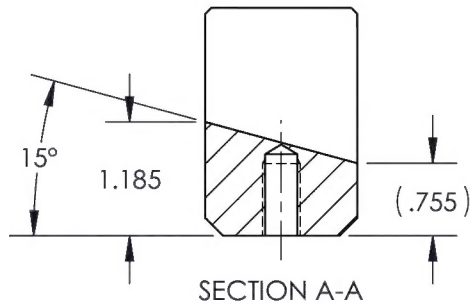
(-15)

MOUNT END

<b>DART AEROSPACE</b>	
TITLE <b>MLG S/A HOLDING TOOL</b>	
DWG NO. <b>RBEM323U3007103-15</b>	REV <b>1</b>
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT RC 28-34	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH SEE -5	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125/
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:1	DATE 6/8/2016
	SHEET 9 OF 24

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REV	ECR					



- NOTES:
- 1. DUAL FINISH:  
1ST: CLEAR ANODIZE,  
MIL-A-8625F TYPE II CLASS I.  
2ND: POWDER COAT YELLOW, FED #13538.
  - 2 NO POWDER COAT THIS SURFACE.

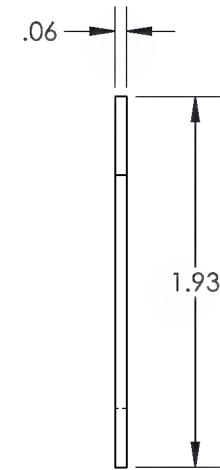
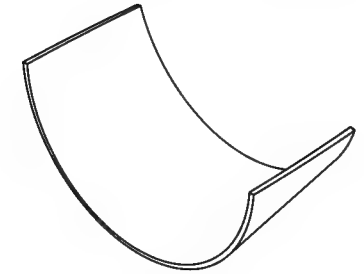
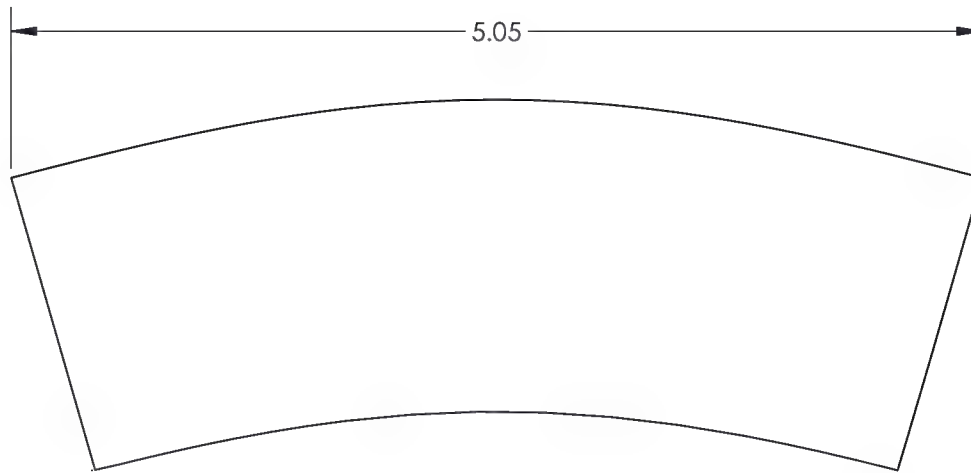
**UNDER REVIEW**  
URF 17-697 VM

(-17)  
HIGH SPEC BLOCK

<b>DART</b> AEROSPACE	
TITLE MLG S/A HOLDING TOOL	
DWG NO. RBEM323U3007103-17	REV 1
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH SEE NOTE 1	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125/✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:2	DATE 6/8/2016
SHEET 10 OF 24	

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NOTE:  
USE PDF.

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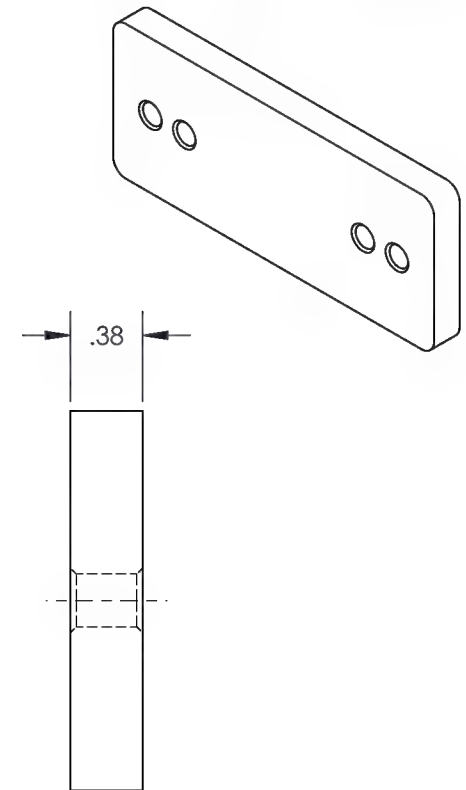
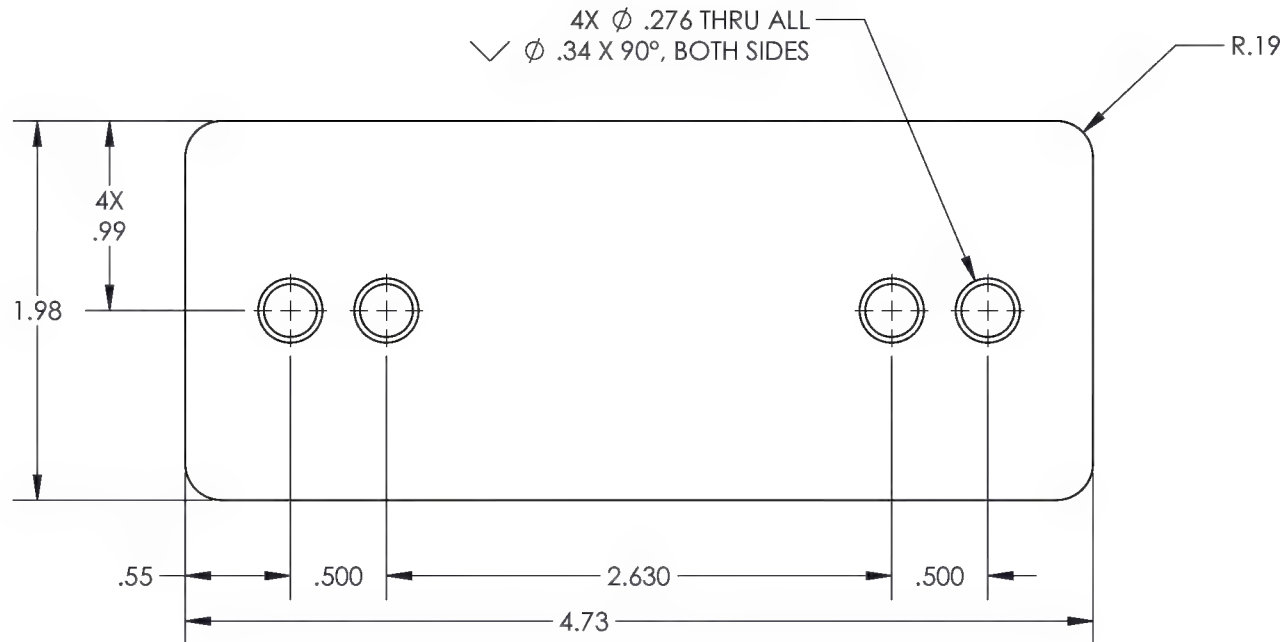
(-19)

HIGH SPEC BLOCK PAD

<b>DART AEROSPACE</b>	
TITLE <b>MLG S/A HOLDING TOOL</b>	
DWG NO. <b>RBEM323U3007103-19</b>	REV <b>1</b>
MAT'L VITON	UNLESS OTHERWISE SPECIFIED
FEAT	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	<b>H175</b>
SCALE 1:1	DATE 6/8/2016 SHEET 11 OF 24

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



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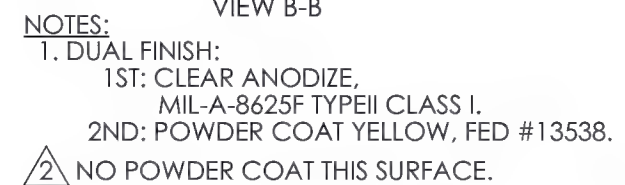
URF 17-697 VM


(-21)

PLATE

<b>DART AEROSPACE</b>	
TITLE <b>MLG S/A HOLDING TOOL</b>	
DWG NO. <b>RBEM323U3007103-21</b>	REV <b>1</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH POWDER COAT YELLOW	.XXX ± .005 FRACTIONS ± 1/8
SPEC FED #13538	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:1	DATE 6/8/2016
	SHEET 12 OF 24

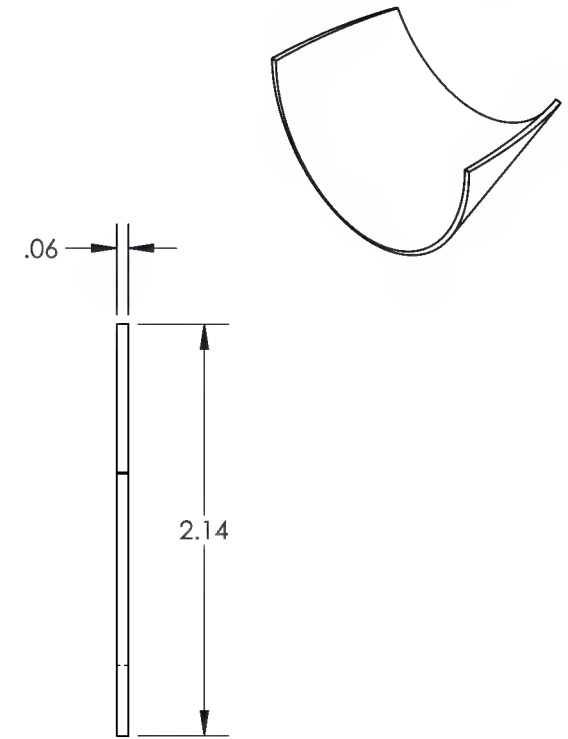
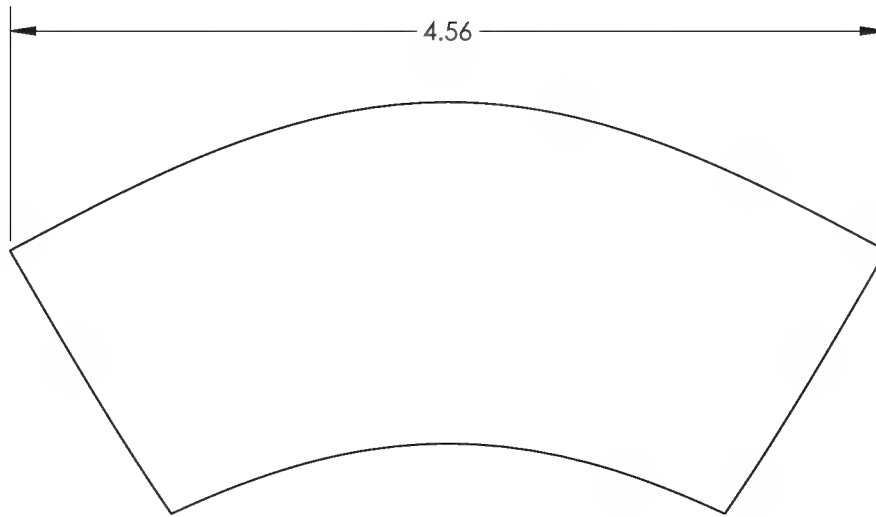
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



			
TITLE			
MLG S/A HOLDING TOOL			
DWG NO.			REV
RBEM323U3007103-23			1
MAT'L 6061		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX ± .005 FRACTIONS ± 1/8	
FINISH SEE NOTE 1		.XX ± .01 ANGLES ± 5°	
SPEC		.X ± .1 SURFACES = 125/√	
DRAWN BY:	DUERFELDT	1. BREAK ALL SHARP EDGES 0.015 x 45° OR .015R	
CHECKED:	CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR:	ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR:	LINDSAY	USED ON MODEL	
APPROVED:	GILBERT	H175	
SCALE	1:2	DATE	6/8/2016
		SHEET 13 OF 24	

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



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(-25)

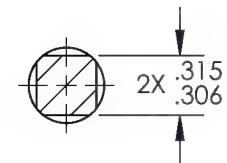
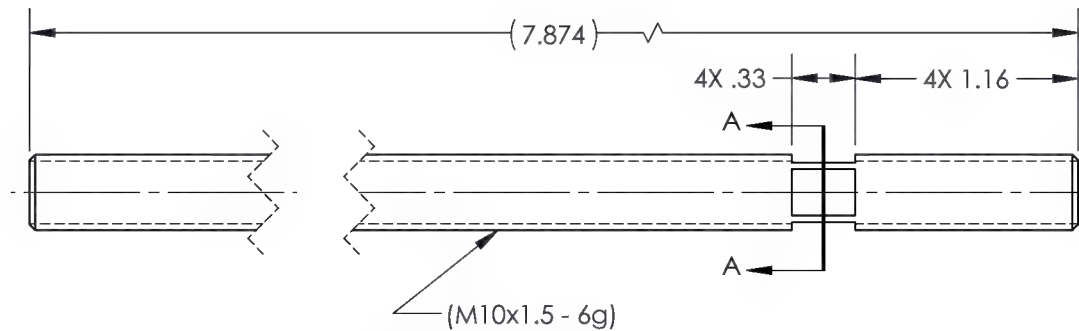
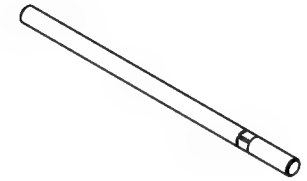
STANDARD BLOCK PAD

<b>DART</b> AEROSPACE	
TITLE MLG S/A HOLDING TOOL	
DWG NO. RBEM323U3007103-25	REV 1
MAT'L VITON	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
QA APPR: LINDSAY	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
APPROVED: GILBERT	USED ON MODEL
SCALE 1:1	H175
DATE 6/8/2016	SHEET 14 OF 24



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				APPROVED



SECTION A-A

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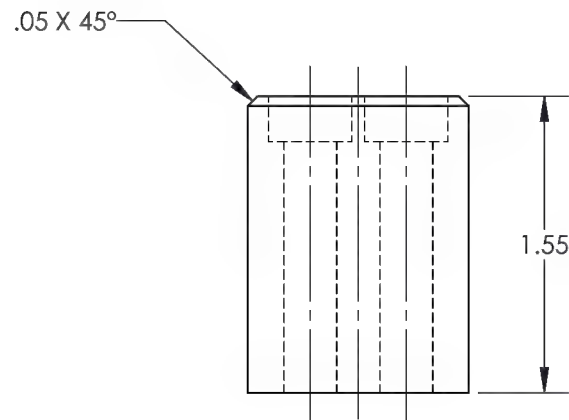
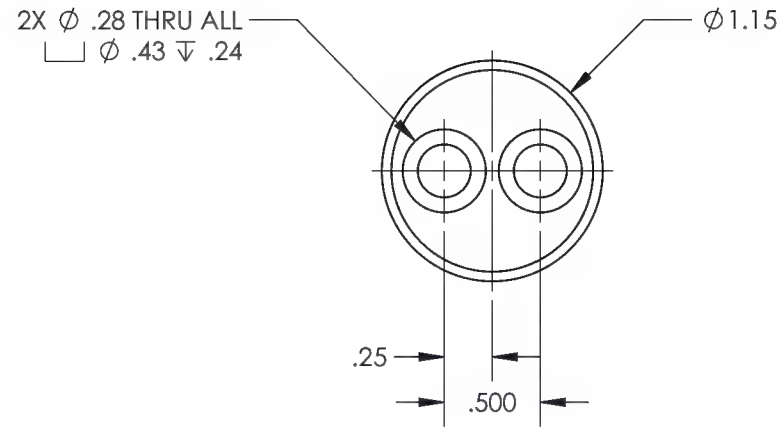
(-27)

THREADED ROD

<b>DART</b> AEROSPACE	
TITLE <b>MLG S/A HOLDING TOOL</b>	
DWG NO. <b>RBEM323U3007103-27</b>	REV <b>1</b>
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125°
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 6/8/2016	USED ON MODEL
SHEET 15 OF 24	H175

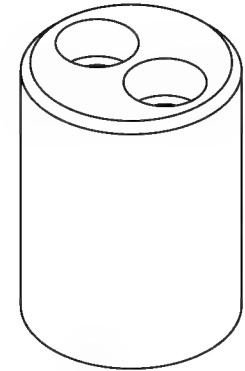
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				APPROVED



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LONG PAD



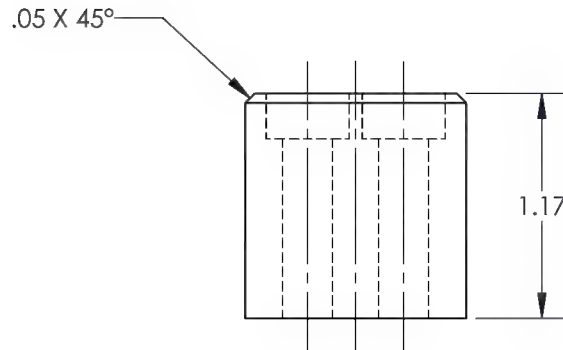
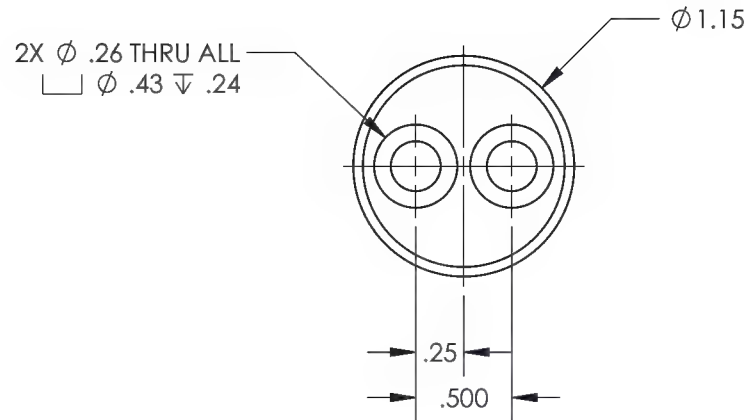
**UNDER REVIEW**

URF 17-697 VM

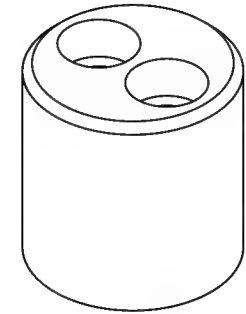
<b>DART</b> AEROSPACE	
TITLE MLG S/A HOLDING TOOL	
DWG NO. RBEM323U3007103-29	REV 1
MAT'L URETHANE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:1	DATE 6/8/2016
SHEET 16 OF 24	

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				APPROVED



(31)  
SHORT PAD



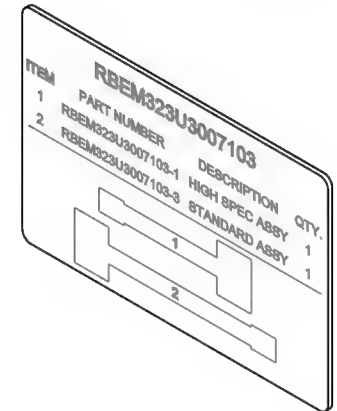
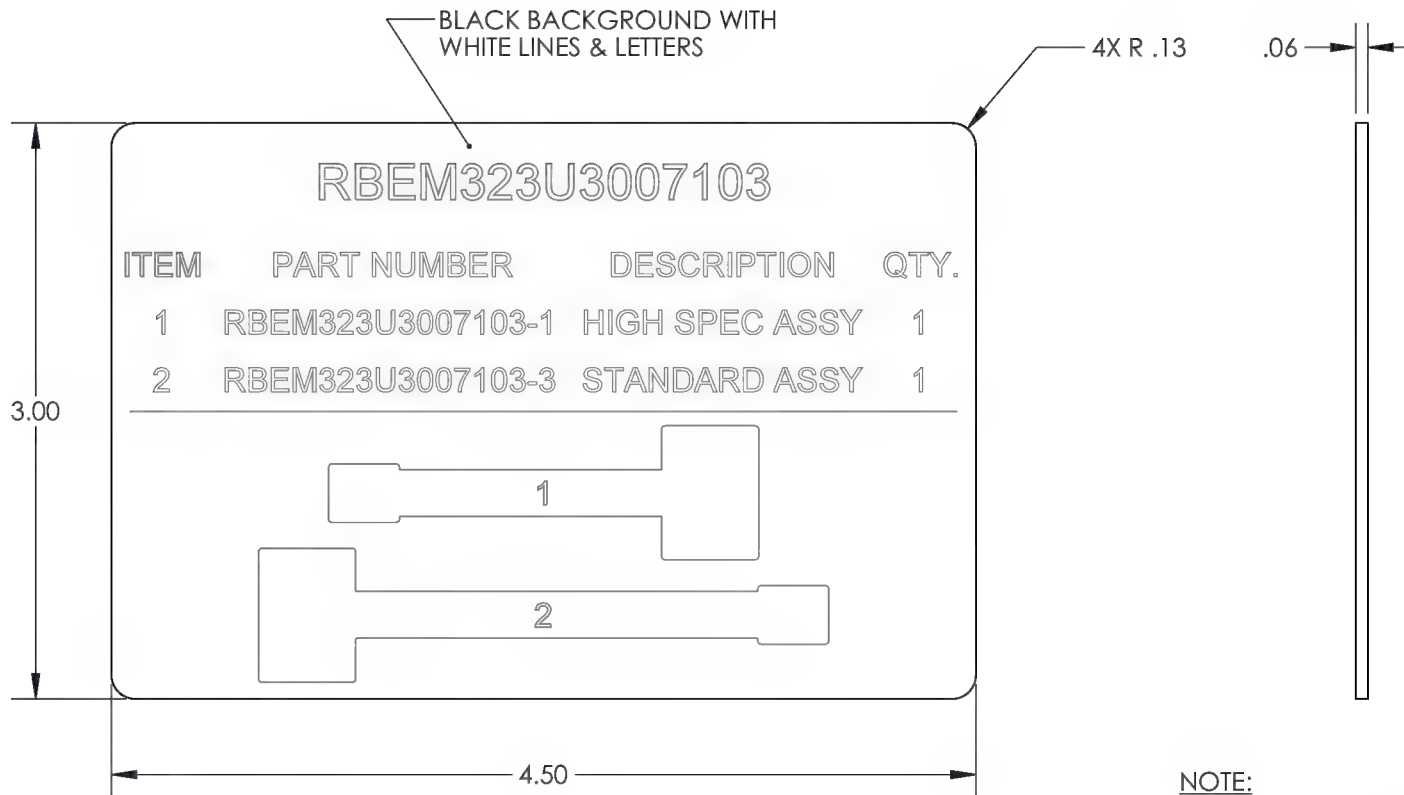
**UNDER REVIEW**

URF 17-697 VM

<b>DART</b> AEROSPACE	
TITLE MLG S/A HOLDING TOOL	
DWG NO. RBEM323U3007103-31	REV 1
MAT'L URETHANE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:1	DATE 6/8/2016
SHEET 17 OF 24	

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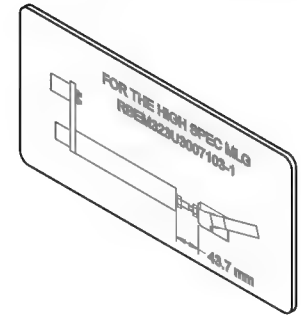
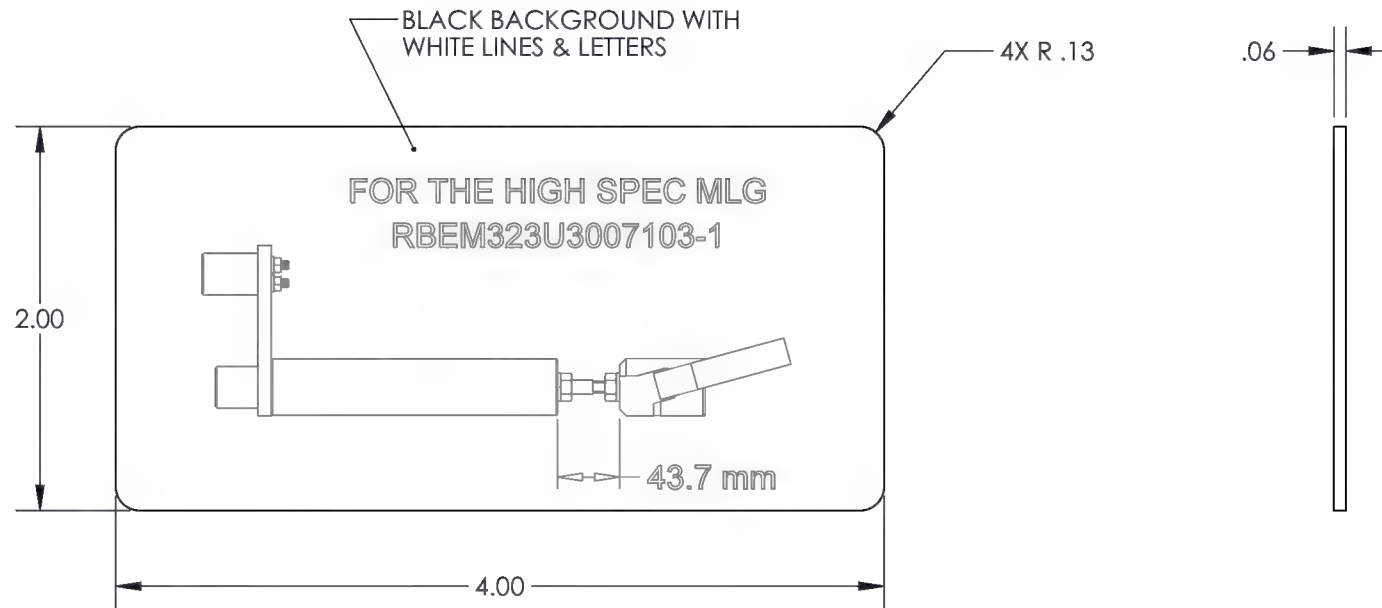
NOTE:  
USE PDF.

(-33)  
PLACARD

<b>DART AEROSPACE</b>	
TITLE MLG S/A HOLDING TOOL	
DWG NO. RBEM323U3007103-33	REV 1
MAT'L PLASTIC TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	USED ON MODEL
CHECKED: CLOUGH	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:1	DATE 6/8/2016
SHEET 18 OF 24	

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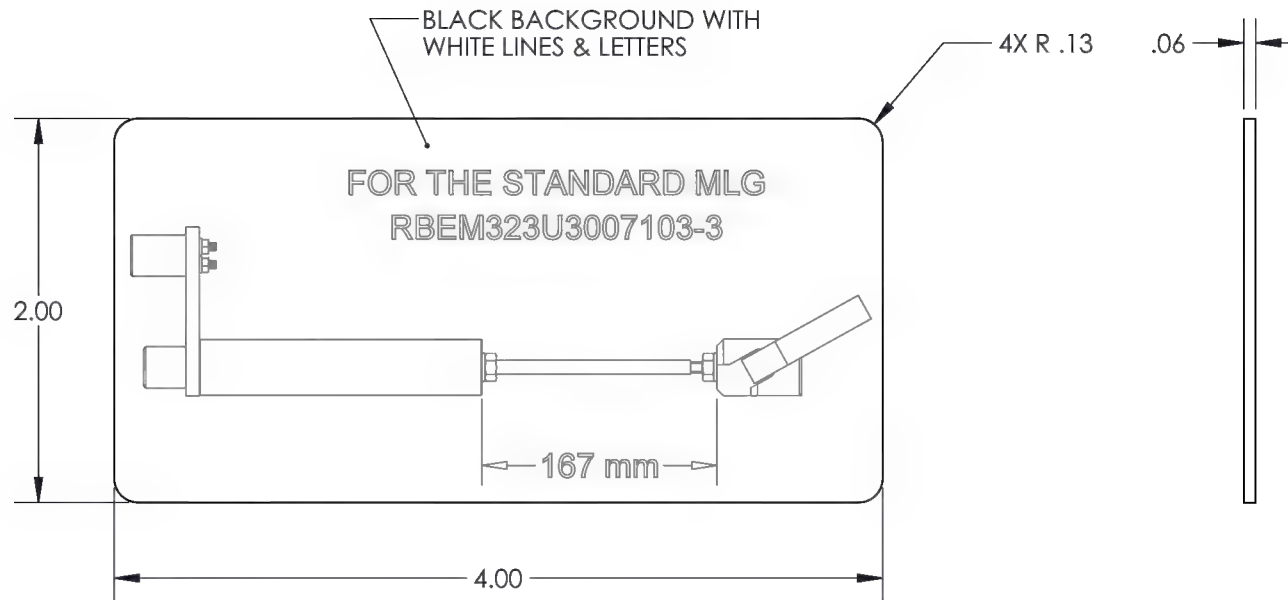
(-35)

HIGH SPEC PLACARD

<b>DART AEROSPACE</b>	
TITLE MLG S/A HOLDING TOOL	
DWG NO. RBEM323U3007103-35	REV 1
MAT'L PLASTIC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:1	DATE 6/8/2016 SHEET 19 OF 24

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(-37)

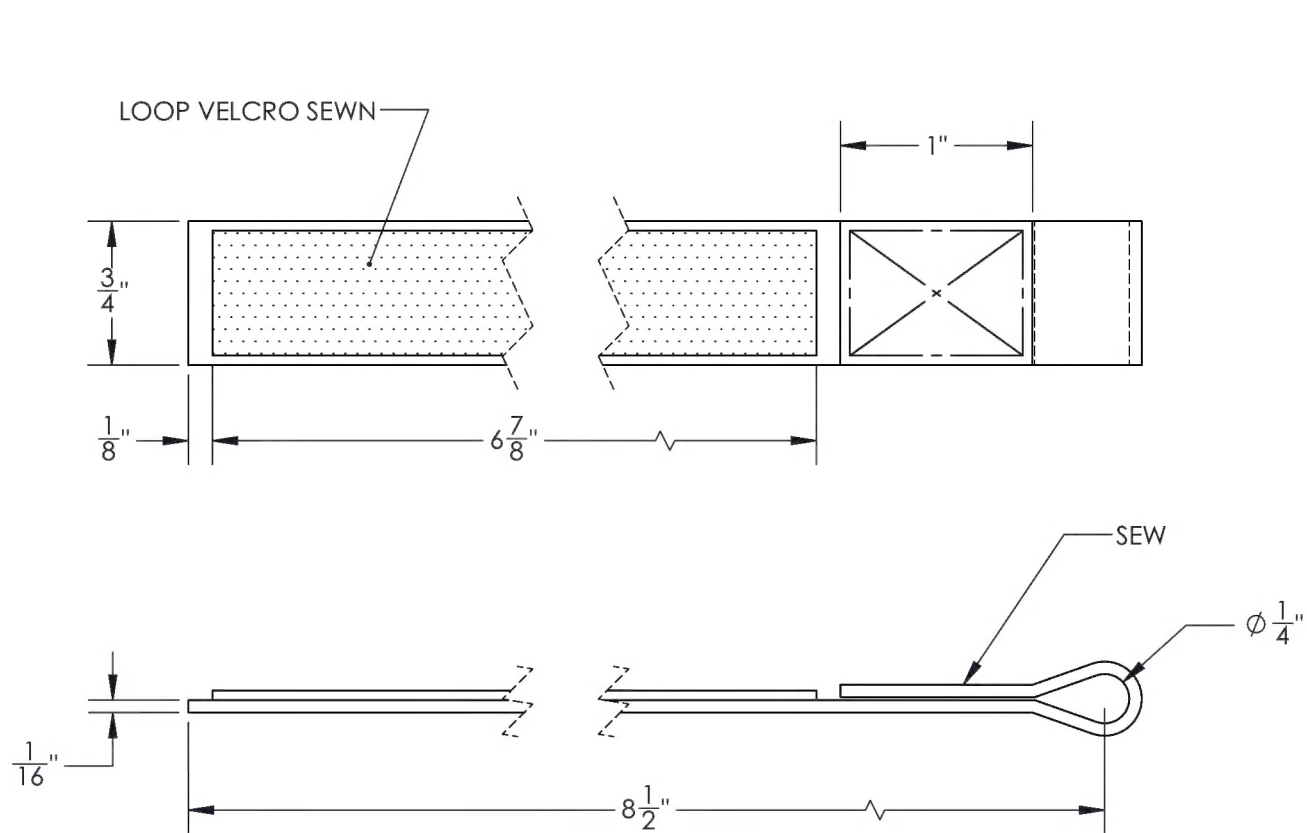
STANDARD PLACARD

<b>DART AEROSPACE</b>	
TITLE <b>MLG S/A HOLDING TOOL</b>	
DWG NO. <b>RBEM323U3007103-37</b>	REV <b>1</b>
MAT'L PLASTIC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:1	DATE 6/8/2016 SHEET 20 OF 24



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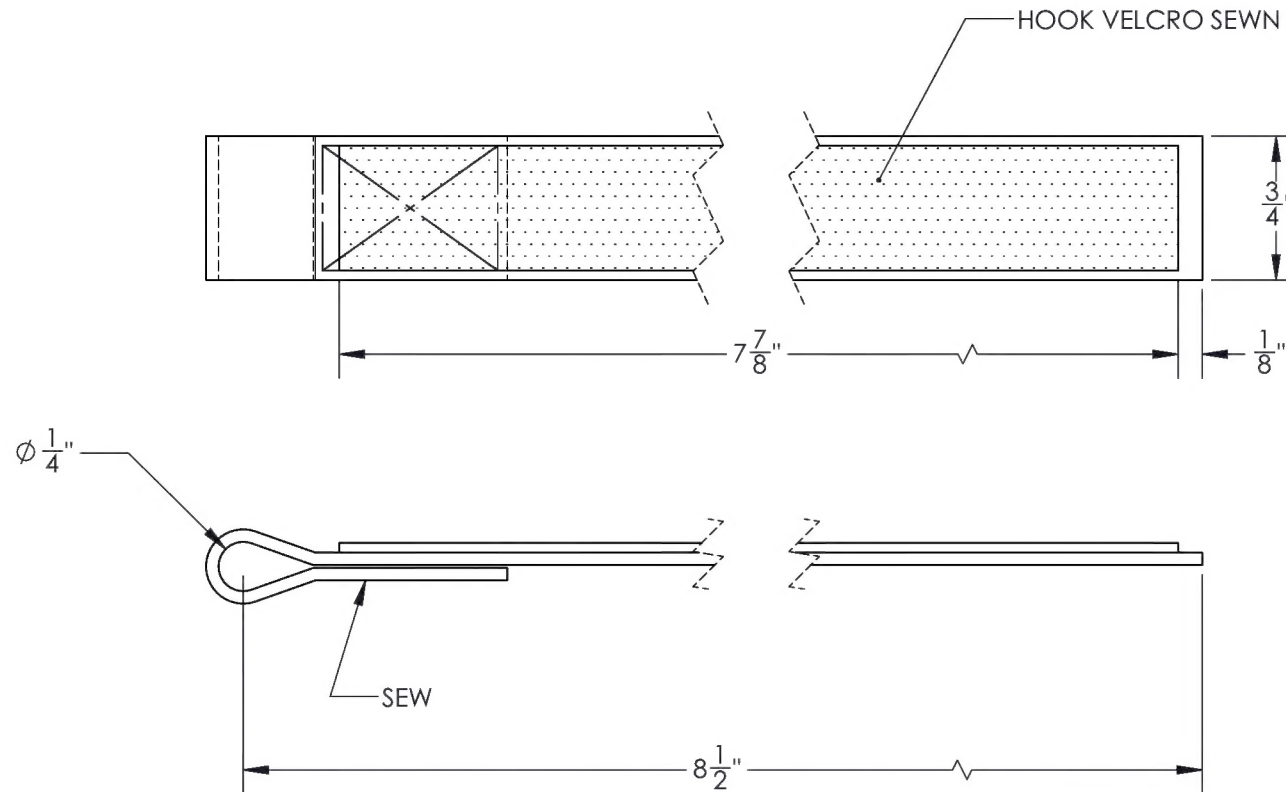
(-39)

STRAP LOOP VELCRO

<b>DART AEROSPACE</b>	
TITLE <b>MLG S/A HOLDING TOOL</b>	
DWG NO. <b>RBEM323U3007103-39</b>	REV <b>1</b>
MAT'L <b>NYLON</b> TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	<b>DUERFELDT</b>
CHECKED:	<b>CLOUGH</b>
OPPS APPR:	<b>ANDERSON</b>
QA APPR:	<b>LINDSAY</b>
APPROVED:	<b>GILBERT</b>
USED ON MODEL <b>H175</b>	
SCALE <b>1:1</b>	DATE <b>6/8/2016</b>
SHEET 21 OF 24	

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(-41)

STRAP HOOK VELCRO


<b>DART</b> AEROSPACE	
TITLE MLG S/A HOLDING TOOL	
DWG NO. RBEM323U3007103-41	REV 1
MAT'L NYLON	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
FEAT TREAT FINISH	.XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:1	DATE 6/8/2016 SHEET 22 OF 24

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED

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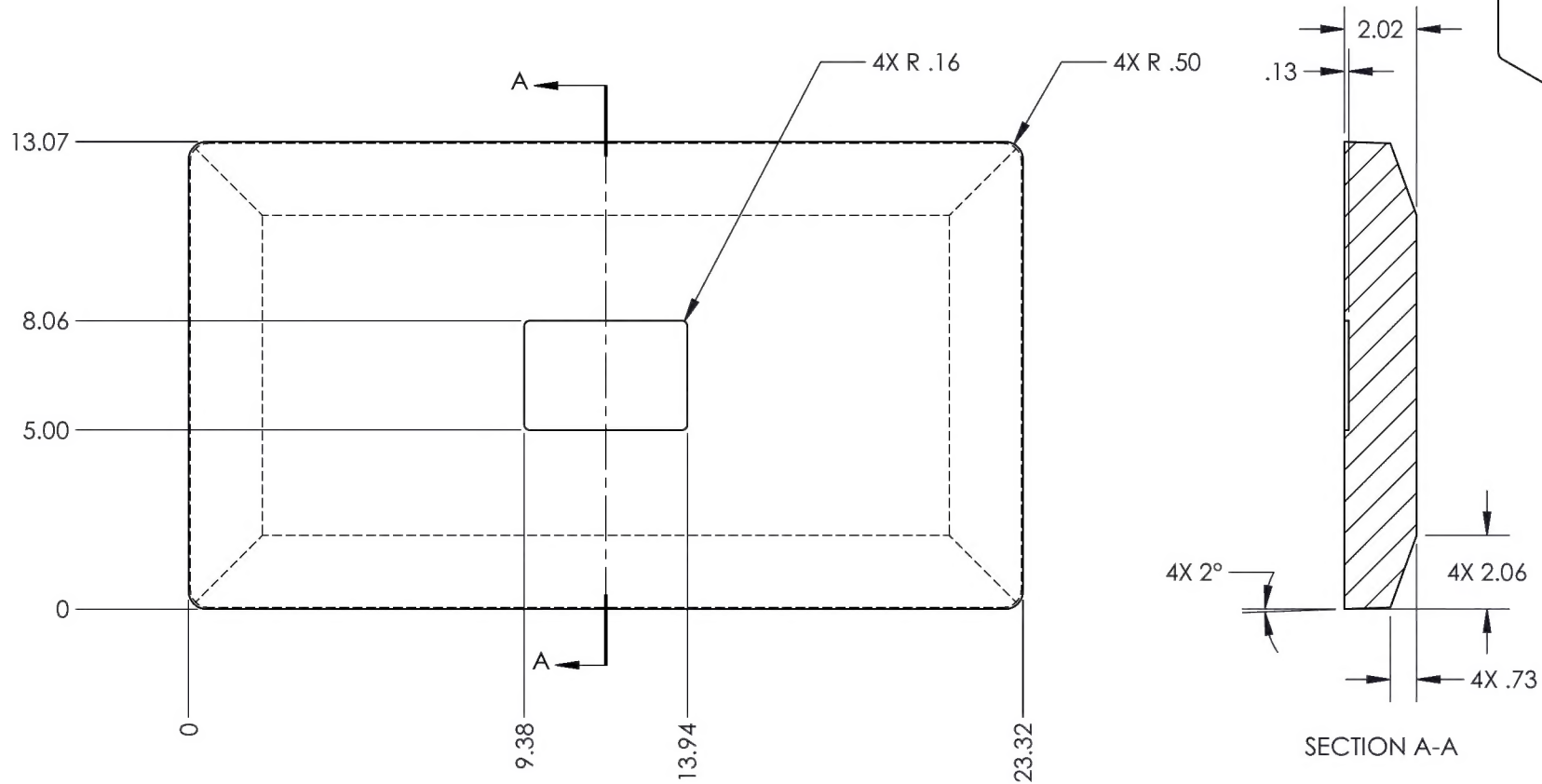
(-61)

BOTTOM FOAM

			
TITLE			
MLG S/A HOLDING TOOL			
DWG NO.			REV
RBEM323U3007103-61			1
MAT'L ETHAFOAM 220, BLACK		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .010 FRACTIONS ± 1/8	
SPEC		.XX ± .03 ANGLES ± 1°	
		.X ± .1 SURFACES = 125/√	
DRAWN BY:		1. BREAK ALL SHARP EDGES	
DUERFELDT		.015 x 45° OR .015R	
CHECKED:		2. DIMENSIONAL LIMITS APPLY	
CLOUGH		AFTER PLATING	
OPPS APPR:		3. INTERPRET DIM AND TOL PER	
ANDERSON		ASME Y14.5M-2009	
QA APPR:		USED ON MODEL	
LINDSAY		H175	
APPROVED:			
GILBERT			
SCALE	1:5	DATE	6/8/2016
		SHEET 23 OF 24	

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TOP FOAM

<b>DART AEROSPACE</b>	
TITLE <b>MLG S/A HOLDING TOOL</b>	
DWG NO. <b>RBEM323U3007103-63</b>	REV <b>1</b>
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125/	
SPEC	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL <b>H175</b>	
SCALE <b>1:5</b>	DATE <b>6/8/2016</b>
SHEET 24 OF 24	